A.N.A.R.T.S. News Bulletin 1401 for 18th of June 2006

Views expressed in this news bulletin are not necessarily

those of the Broadcast Officer, the Relay Officers, or of

the Society.

Items in this broadcast include

1. Cols column

2. IPS REPORT

3. VK2SG RTTY DX report

4. OPDX News

5. Anarts Information

Col's Column

ANARTS WW RTTY Contest was held during last weekend. The
propagation

was not the best, at least in my part of the World, and
several

Contesters have mentioned that we are at the bottom of
the Sun Spot

Cycle. Well it can only get better from here on.

This is being written on Friday afternoon, 16th June, I
have received

250 logs so far, by the time you read this you can
probably add

another 50, looks like another big year, perhaps we might
even get

over 500 logs for the first time. If you have a log you
wish to

submit the address is ctdavies at bigpond.net.au.

Some of the logs received have pretty big scores, so
someone had good

conditions, and good luck to them.

Propagation of Radio Waves.

Skip Phenomena and Skip Distance.

As we all know, it is possible for radio waves to be
returned to earth

quite a distance from the transmission point and for them
to 'Skip'

over the area in the immediate vicinity of the Transmitter. The distance

from the transmitter to the point where the sky wave returns to earth

is called the 'Skip Distance'. The skip distance varies greatly with

change of frequency, time of day and angle of incidence.

When the skip distance is appreciable, the ground wave will die out

completely in much less distance than the skip distance and the skip

region will then contain a 'Zone of Silence' where no signals are

received, even though strong signals are received at greater distances.

As already point out, the skip distance for radio waves propagated

at a constant angle of incidence increases as the frequency increases.

This fact is of particular importance in cases where the Radio Receiver

is moving away from the transmitter, for example, ground to air

communications with aircraft, or ships at sea, even mobile amateur radio

stations at times. In operations of this sort, the general rule is that

as the aircraft, vessel, or other type of station moves further away

from the transmitting station, the operating frequency must be increased

to maintain radio contact between the two stations.

Maximum Usable Frequency

For High Frequency (HF) radio transmission over any fixed Great Circle

distance under the prevailing propagation conditions, there is an upper

limit to the frequency which can be used. This maximum frequency is

known as the 'Maximum Usable Frequency' (MUF).

We will go deeper into MUF's in next weeks part.

73's for this week, Colin VK2CTD.

IPS Weekly Solar and Geophysical Report 9/15th Jun.

SUMMARY

Date 09 10
11 12 13
14 15

10cm flux 78 76
74 74 77
75 76

AFr index 9 7
4 2 2
6 20 est

Aaus index 8 7
5 4 3
7 17 est

T index 16 13
16 15 16
13 28

Solar flare activity was very low 9/14th and low on 15th.

Geomagnetic activity observed for the Australian Region
was quiet to

unsettled on 9/10th and 14th quiet on 11/13th and quiet
to active on 15th.

Southern Australian Ionospheric F2 critical frequencies
were depressed

15 percent to near predicted on 9th and near predicted
for the rest of

the week.

Forecast for 16/to 22nd Jun

Solar activity should be low.

Geomagnetic activity should see quiet to unsettled conditions.

Frequencies should be near predicted monthly values.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

VK2SG RTTY DX NOTES FOR WEEK ENDING 15 JUN

Our information this week came from GU0SUP I5FLN DJ3IW
VK6HD UT5RP and

OH2AQ's DX Summit. Thank you all.

Bandpass

Friday 9

0300-14081 TI2CC

0819-50102 UN7PBY

0942-14083 XX9BB

1153-14083 BD7KLO

1229-14080 DQ2006S

1240-14079 UN8LF

1241-14083 CU3BL

1255-14082 DQ2006P

1259-14080 IS0QLX

1301-14090 DQ2006D

1308-14084 TI8CBT

1331-18103 YB0JIV

1345-14089 ST2T

1442-14084 DQ2006S

1451-14085 UN8PIM

1512-14087 SV9/ON5MX/P

1547-14081 SU9FL

1628-18104 TR8CA

2144-14083 CN8YZ

2350-14081 TI8CBT

Saturday 10

0015-14086 HR1RMG

0038-14081 7X0RY

0105-14093 OH0Z

0107- 7041 7X0RY

0112-14090 KH6GMP

0126-14086 FK8HN

0128-14075 E21YDP

0131-14075 VK4AN

0132-14075 VI9NI

0136-14086 ZL2AMI

0148-21083 BW3/JD1BKQ

0300- 7047 KP4JRS

0301-14092 ZL4BR

0305-14076 KH6FI

0407-14082 VK2RT

0658-14083 CX7AT

0728-14101 VR2BG

0816-14083 9V1UV

0830-14088 YB5AQB

0847-21083 CN8KD

0959-21080 7X0RY

1049-28091 YB0COU

1150-14097 VR2XLN

1309-21082 4Z5KZ

1327-14079 BD7KLO

1501-14084 VP9/NU9N

1603-21080 7X0RY

1609-14088 CN8LI

1628-14087 JT1CO

1634-14084 4X6UU

1734-14082 BX4AN

1849- 7043 VI9NI

2202-21080 KH6GMP

2317-28083 9M6XRO

2337- 7036 VK1HL

Sunday 11

0033- 7044 VK6HD

0018- 7036 CN8KD

0107-14084 7X0RY

0111-14096 KH6GMP

0128- 7044 7X0RY

0144-21081 VI9NI

0203-21085 VR2XMT

0237-14091 ZL2AMI

0305-14078 VK2RT

0339-14076 KH6FI

0402-14081 ZL4BR

0404-14082 YB0COU

0418-14085 FK8HN

0449-14078 KH6/N0CO

0558-21087 OH0Z

0647-28088 YC8EXL

0650-21086 VR2XLN

0735-21080 7X0RY

0809-21080 9M2CCO

0815-21088 BW3/JD1BKQ

0816-28080 7X0RY

0825-21085 9V1UV

0852-14085 VU2TRI

0901-21078 BD7KLO

0916- 7039 HK6PSG

0942-28086 OH0Z

1011-14083 VR2BG

1046- 7032 ZL4BR

1051- 7034 ZL2AMI

1349-14088 OH0Z

1548-14083 BX4AN

1615-14087 4Z4DX

1652- 3514 EA9BB

1700-14082 7X0RY

1709-14086 BD7KLO

1928-14097 VR2XLN

2023-14080 CV5D

2026-14079 ZL2AMI

2030-14077 8P6SH

2111-14078 4K8F

2203- 3589 7X0RY

2332-14085 CN8KD

2338-14086 KH6GMP

Monday 12

0940-14079 P29ZAD

1129-14085 OX3WS

1304-14084 BD7KLO

1754-14084 EA8AG

1806-14088 4Z5AV

1812-14086 EA6/I1RSA

1817-14087 HZ1IK

1830-14090 EC8AUZ

1936-14083 OX3JZ

1950-14082 FM5AA

1956-14087 4Z5AV

2020-14083 ZP5CGL

2030-14084 DQ2006U

2031-14085 DQ2006Y

2044-14085 YU150RP

2100-14089 OX3DB

2130-14085 DQ2006X

2138-14085 EA6/I1RSA

2141-14089 TF3IGN

Tuesday 13

0424-14084 4K5D via K2PF

0448-14081 DQ2006Y

0759-50198 SV9CVY

0948-14084 TF3PPN

1213-14084 VR2XMT

1411-14085 OX3WS

1455-14085 BD7KLO

1607-14084 DS4DBF

1725-21083 CX4SS

1921-14086 EA6/I1RSA

2032-14086 JW4GHA

2121-14086 FM1HN

2129-14083 TF3PPN

2130-14087 C56W

2323-18101 VI9NI

Wednesday 14

0010-18102 VI9NI

0104-18107 VK6HD

0422-14088 KL7IWC

0511-14084 VQ9NL

0725-18101 7Q7BP

0736-18101 7Q7YL

0806-14080 HL615UF

1045-50219 SV9CVY

1232-14083 BD7KLO

1233-14087 TI8CBT

1444-14081 YU150AU

1741-14088 9J2CA

1742-14084 UN8PIM

1748-14087 5Z4ES

1756-14085 OX3WS

1812-14085 SN0PMW

1815-14082 YU150RP

1839-14089 EA6/I1RSA

1949-14088 SV9/ON6MX/P

1904-14085 TA1EE

2101-14083 TF3IGN

2128-14084 TI8CBT

2257-14084 KP4AH

Thursday 15

0035-14081 HK6PSG

0807-18110 HL615UF

0855-14082 DR2006O

0857-14083 EU6PW

1045-50199 SV9CVY

1047-18104 DS5RYB

1453-14082 UN8PIM

1536-14086 DQ2006D

1539-14083 DQ2006S

1559-14082 DQ2006M

2003-14087 EA8AG

Notes of Interest:

Norfolk Island, VK9 - The VI9NI operation is scheduled to continue until

21 Jun. Check http://odxg.org/expedition.html for details.

The VK2SG RTTY DX NOTES are distributed every week via the Winlink network

and are also available on the Internet at URL

http://mailman.qth.net/pipermail/vk2sg-rtty/

For next weeks bulletin send your bandpass and notes of interest to Don

AA5AU aa5au at bellsouth.net. I will be covering for Phil this week.

GL with RTTY Don AA5AU

The Ohio/Penn DX Bulletin No. 762 - excerpts

FW8, WALLIS AND FUTUNA ISLANDS

Toshi, JA8BMK, will be active as FW8AA from July 15-24th. Operations will be

with a TS-480HX w/200w using a 5 band spider beam on CW/SSB only. QSL via

JA8UWT.

GJ/MJ, JERSEY

Operator Rich, K2WR, will be active as GJ2A during the RSGB IOTA Contest (July

29-30) as a Single-Op/Mixed/24h entry. Look for operation by Rich 3 days before

and 1 day after contest as MJ0AWR. He is taking E-mail for band/mode skeds. His

E-mail address is: k2wr at njdxa.org QSL via K2WR (also direct from non-USA to

GJ3DVC).

IOTA NEWS

AF-032. Dane, S57CQ, will be active as 5H1DN from Zanzibar Island between July

7-14th. Activity will include the IARU HF World Championship (July 8-9th). QSL

via S57DX.

AS-008. Operators JL1OVB and 7L3ATQ will be active as homecall/1 from Mikura

Island (JIIA AS-008-005), JA1 North Izu Group, June 17-19th. Activity will be on

or near the usual IOTA frequencies. QSL via their home callsigns, direct or

through the JARL Bureau.

EU-028. Stefano, IZ5FDE, will be active as IA5/IZ5FDE from Elba Island (Isola

d'Elba) in the Tuscany Region IOTA Group (IIA LI-001, MIA MI-022, it will also

count for WLOTA LH-0609), from August 13-25th. QSL via IZ5FDE, by the bureau or

direct to: Stefano Tiburi, Box 65 - 50068 Rufina FI, Italy. More information can

be found at: http://www.geocities.com/iz5fde

EU-064. Once again the members of the Provins ARC (F6KOP) and the Fontainebleau

ARS (F8KTH) will be active as TM7C in the IOTA Contest (July 29-30th) as a

Multi-Op/Mixed/24hr/Low-Power entry from Noirmoutier

Island. Operators mentioned

are: Bernard/F9IE, Serge/F6AML, Pascal/F5JSD, John/F5VHQ and Frank/ F4AJQ. Look

for activities by the operators several days before and after the contest on the

WARC bands and VHF (6/2 meters). Modes will be CW, SSB and may be digitals. Team

members will sign homecall/p. QSL via F4AJQ.

EU-010. The GM7V contest team (Ops. GM3WOJ, GM4YXI, GM0RLZ and MM0CCC) will be

active from the Island of Benbecula (IOSA OH04, Scotia HI08 and WAB NF75) during

the RSGB IOTA Contest on July 29-30th. Please QSL via M0CMK (see (QRZ.com)).

EU-140. Operators OH6HJE, OH6MTG, OH6NJ and OH6UV will be active as OH6AW/5 from

Kaunissaari, July 5-10th. Look for activity to be mostly CW and SSB, with some

digital mode operations.

NA-055. Operators Eric/N8YC, Phil/KG8AP, Brian/K4BRI, Lynn/WD8JAW and possibly

others plan to operate as K8SCH from Deer Isle (USI ME-014S, Hancock County,

Maine) between September 25-29th. Activity will be on 80/40/20/15/10 meters SSB,

depending on band conditions. QSL via K8SCH (QRZ.com).

NA-077. Guy, VE2QRA, will once again be active as VE2QRA/p from Anticosti Island

(CISA QC-001, Grid Loc. FN89, it will also count for WLOTA LH-0042), between

August 13-18th. Activity will be on 80-6 meters, mostly SSB. QSL direct (with

SASE or SAE + sufficient postage) only to VE2QRZ: Guy Bouchard, 1108 Daphne,

Quebec, G3K 1W6, Canada. PLEASE NOTE: 1 USD for Canada/USA and 2 USDs outside

North America. More information is available via his Web at:

http://pages.videotron.com/ve2qra/anticosti.html

NA-176. Dave, VA2DV, will activate two islands in this Quebec Province (St.

Lawrence Gulf) Center Group between August 7-11th. He will operate holiday style

as VA2DV/p from Gande Ile (CISA QC-019, for the Canadian Islands Award) and Ile

Nue de Mingan (CISA New). Dave will be using a 100 watt rig and will probably

operate mainly on 20/17 meters with some 80 meters activity at night. QSL via

his home callsign, direct or by the bureau.

KH0/WH0, MARIANA ISLANDS

Operators Tony/JA6CNL and Asayuki/JA6AGA will operate as KH0N and WH0C

respectively, from Saipan (OC-086), between June 16-20th. Activity will include

the All-Asian DX CW Contest (June 17-18th). Outside the contest, operators will

spend some time on the WARC bands and 160 meters CW (1820/1910 kHz). QSL via

their home callsigns.

SPECIAL EVENT

Members of the Michigan DX Association (MDXA) and the Amateur Radio Group Of

Youth In Lowell (ARGYL) will activate special event station N8S on the USS

Silversides Submarine in honor of all who served in WWII submarine radio rooms.

Look for them to be on air from 1600z, July 16th to 1600z, July 17th. Activity

will be on all HF and VHF bands, except the WARC bands. They plan to have one

station on top side of the submarine and another station below deck. QSL via N8S

(QRZ.com). For more information and frequencies, visit the following Web page

at: http://mdxa1.org/silversidesspecial.html

SPECIAL EVENT (2006 World Cup)

DL5DCL/06 - Dirk, DL5DCL, will be active during the FIFA Soccer World Cup 2006

in Germany, between now and July 9th. All QSOs will be confirmed with a special

QSL Card. Dirk plans to be very active on the HF bands CW only and mainly on the

WARC bands (30/17/12m). An online log will be available during the activity. For

more information, visit the Web page at: http://dl5dcl.de.vu

DR06SOCCER - This special callsign will only be aired during the 2006 FIFA

Soccer World Cup (June 9th - July 9th) being held in Germany. This callsign will

be activated by the members of the DARC District Group A07 (Karlsruhe). A

special QSL card will be sent out to confirm the contacts.

SV5, DODECANESE (Update)

Dov, 4Z4DX, will be active as SV5/M0DOV and J45DOV from Rhodes Islands (EU-001,

MIA MGD-028, WLOTA LH-0045), July 15-20th. Activity will be on all bands and

modes; also an entry in the IOTA Contest as SX5P. QSL via 4Z4DX.

SV9, CRETE

Alain, ON6MG, will be active as SV9/ON6MG/p between now and June 23rd. Look for

him on 14059 and 18079 kHz (+/- QRM), using only 5 watts and dipole antennas.

QSL via his home callsign, direct or by the bureau.

SV9, CRETE

World traveler Bert, CX3AN, informs OPDX that he will be operating from Crete as

SV9/CX3AN from July 6-10th. He will be running only 100 watts into a vertical

antenna. QSL via his home callsign. Bert will be joining Theodooros, SV9/SV1EJD,

and Fotis, SV9/SV1CIG, on the island. Bert states, 'Operation was possible

thanks to the kindly assistance of Theo who represents the warm welcome

behaviour of the Greek people.'

T6, AFGHANISTAN

Mika, OH6MKL, is now active as T66T through July. Reports indicate that he will

be on 160-10 meters CW/SSB. However, he was heard this past week mainly on 30/20

meters CW between 1400-1900z. QSL via his home callsign.

YM3, TURKEY

Camille, LX1CC, will be on holiday from Pamucak-Selcuk-Izmir and plans to be

active as YM3CC, between now June 28th. Activity will be on all bands. YM3CC was

heard this past weekend on 40 meters SSB. QSL via Camille's home callsign, by

the bureau or direct. No eQSL. SWL QSL cards OK.

The Society can be contacted in the following ways:

To Pat VK2JPA via patleeper at optusnet.com.au or

Col VK2CTD via ctdavies at bigpond.net.au or

you can drop a line to PO Box 93 Toongabbie NSW 2146.

73’s from Pat VK2JPA broadcast Officer

NNNN